

|                |                      |          |
|----------------|----------------------|----------|
| JC510 U.S. PRO |                      | 11/10/98 |
| 09/189028      |                      |          |
| 435            | 200                  | Subclass |
| Class          | Issue Classification |          |



|               |  |
|---------------|--|
| PATENT NUMBER |  |
| 8423524       |  |
| 6423524       |  |

## U.S. UTILITY PATENT APPLICATION

|                            |             |
|----------------------------|-------------|
| O.I.P.E.                   | PATENT DATE |
| SCANNED <i>CK3</i> O.A.0mu | JUL 23 2002 |

|        |       |          |          |              |
|--------|-------|----------|----------|--------------|
| SECTOR | CLASS | SUBCLASS | ART UNIT | EXAMINER     |
|        | 435   | 200      | 16352    | <i>Abdul</i> |

FILED WITH:  DISK (CRF)  FICHE  
(Attached in pocket on right inside flap)

### PREPARED AND APPROVED FOR ISSUE

#### ISSUING CLASSIFICATION

| ORIGINAL                     |          | CROSS REFERENCE(S) |                                   |       |       |        |
|------------------------------|----------|--------------------|-----------------------------------|-------|-------|--------|
| CLASS                        | SUBCLASS | CLASS              | SUBCLASS (ONE SUBCLASS PER BLOCK) |       |       |        |
| 435                          | 200      | 435                | 6                                 | 320.1 | 252.3 | 254.11 |
| INTERNATIONAL CLASSIFICATION |          | 536                | 23.2                              | 24.3  | 24.33 |        |
| C12N                         | 5/00     |                    |                                   |       |       |        |
| C12N                         | 9/24     |                    |                                   |       |       |        |
| C12N                         | 1/14     |                    |                                   |       |       |        |
| C12N                         | 1/20     |                    |                                   |       |       |        |
| C07H                         | 21/04    |                    |                                   |       |       |        |

Continued on Issue Slip Inside File Jacket

5-24-00 Formal Drawings (2) sheets set 9-11-00

|  |              |             |            |                |                      |
|--|--------------|-------------|------------|----------------|----------------------|
| <input type="checkbox"/> TERMINAL DISCLAIMER | DRAWINGS     |             |            | CLAIMS ALLOWED |                      |
|  | Sheets Drwg. | Figs. Drwg. | Print Fig. | Total Claims   | Print Claim for O.G. |
|  | 2            | 2           | None       | 20             | 1                    |
| NOTICE OF ALLOWANCE MAILED                   |              |             |            |                |                      |
| 8.01.00                                      |              |             |            |                |                      |
| ISSUE FEE                                    |              |             |            |                |                      |
|  |              |             | Amount Due | Date Paid      |                      |
|  |              |             | 1210.00    | 11-2-00        |                      |
| ISSUE BATCH NUMBER                           |              |             |            |                |                      |
| 015  |              |             |            |                |                      |

#### WARNING:

The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code, Title 35, Section 361.